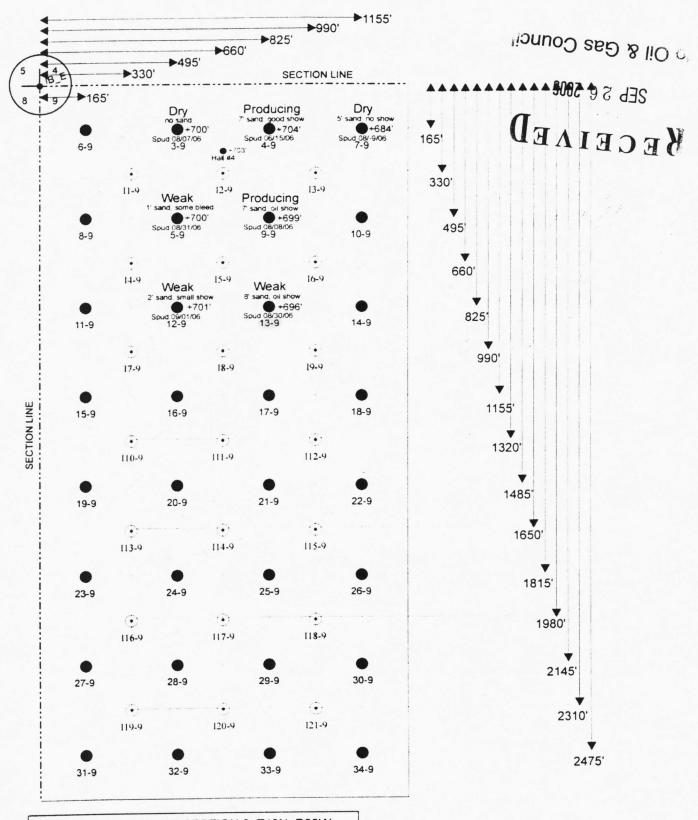


STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

			- DEP	25 2005 _							
				EPEN	PLUG BA	CK 🛛	FOR AN	OIL WE		☐ OR	GAS WELL
OSBORN EN		LLC	Oil &	Gas Cour	ncil				DATE		
ADDRESS					CITY				STATE	ZIP	CODE
24850 FARLE					BUC	YRUS			KS	660	013
DESCRIPTION NAME OF LEASE	OF WE	LL AND	LEASE		WELL	NUMBER	2000年		ELEVATIO	N (GROUND	
OSBORN					13-9			97.5	950	., (3.,00,11	
WELL LOCATION						SECTION LINES					
WELL LOCATION		<u>825</u> ft	t. from 🛭 Nor	th South section	on line <u>8</u>		☐ East ☒	West se	COUNTY)	
Sec. 9 Towns	hin 43	North	Bange 33	□ Fast ⊠ We		, oc	ONGITODE		CASS		
NEAREST DISTANC						825 FEET			0,100		
	PROPOSE	Annual State of the last		ST DRILLING, COM		APPLIED – FOF				330 FEET	
PROPOSED DEPTH				NAME AND ADDRESS		140	ROTARY C	R CABLE T	E TOOLS APPROX. DATE WORK WILL START		
600' NUMBER OF ACRES II	N LEASE			GY, LLC B							
4000				N LEASE INCLUDIN		., COMPLETED	IN OR DRIL	LING TO	THIS RES	SERVOIR S	3
				NED WELLS ON LE				NO. OF	WELLS	BBOD	UCING
IF LEASE PURCHA	SED WITE	ONE OR	MORE WELLS	DRILLED, FROM W	VHOM PURCH	ASED?		NO. OF	WLLLS		CTION
NAME											CTIVE
ADDRESS				IMEL I		N DI ANIKI	T DOND			ABAND	
STATUS	OF BOND		☐ SINGLE AMOUN			BLANKET BOND AMOUNT \$ 34000.00			☐ ON FILE ☐ ATTACHED		
REMARKS: (IF THIS IS INJECTION ZONE; USI				JG BACK, BRIEFLY DE	SCRIBE WORK	TO BE DONE, GIV	/ING PRESEN	T PRODUC	CING/INJECT	TION ZONE	AND EXPECTED NEW
	PROP	OSED CA	ASING PROGRA	AM		APPROVED	CASING -	TO BE FI	LLED IN E	BY STATE	GEOLOGIST
AMOUNT		ZE	WT/FT			AMOUNT SIZE		E //	WT/FT		CEMENT
20'	/	7"	-	Portlai	na	20'	/	1			Portland to Surfa
600'	4 1	1/2"		Portla	nd	6001 45"		- 11			Portland to Surface
I, the Undersign make this report correct, and con	t, and th	at this re	eport was pr	epared under m							
SIGNATURE	Men	call	L. S. F	-					DATE	t. 19	2006
PERMIT NUMBER	20-	167	7	☑ DRILLER	R'S LOG REQI	JIRED	K	E-LOGS	REQUIRE	D IF RUN	
APPROVED DATE	20 (211	- 0	7-		UIRED IF RUN	×	DRILL S	YSTEM TE	ST INFO	REQUIRED IF RUN
	10 -	-24-6	96		S REQUIRED						
APPROVED BY	(A	2	Marketo	WATER	SAMPLES RE	QUIRED AT	OD TO AN	IV OTH	EB LOC	NATION	
APPROVAL OF THIS			-#	COUNCIL DOES NO			***			***************************************	
WELL NOR ENDOR						_ LITEOTICEW		_ 0_0_0	CIO MILITI	.5 01 1111	21.101.0025
I, of the approval of this				that an approve form by presend							
DRILLER'S SIGNATUR			f //								
	E Mer	mall	18.	Parameter	runne.				DATE	d 19	1, 2006



W/2 OF THE NW/4 OF SECTION 9, T43N, R33W

● IB_E IRON BAR W/ALUM CAP EXISTING

PROPOSED OIL WELL

PROPOSED INJECTION WELL



24850 FARLEY STREET BUCYRUS, KS 66013 ph (913) 533-9900 fax (913) 533-9955



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM RECEIVED FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOS 25 2007

DRY	WORKOVE	R DEE	PEN [PLUG BAC	K 📙 II	NJECTION	NAME OF TAXABLE PARTY.	ESERVOIR [DIFFERENT R	eservoir 🛚	OIL GAS	
Osborn Energ	gy, LLC						ADDRESS 24850 F	arley, Bucyr		k Gas C	ouncil	
LEASE NAME							WELL NUMBE	R				
Osborn LOCATION OF WELL	SEC TV	VN RNG		OR		PI C	13-9 CK AND SURVE	·V		LATITUDE	1.000	
Sec. 9 Twp 43 N			₫West		from D				MWest .	LATITUDE	LONGITUDE	
COUNTY	J, T 9 <u>55</u>			OGC-3 OR OGC		31101111	100dii 1 <u>020</u> 1	i. IIOIIILast	- Vvest			
Cass		20767										
DATE SPUDDED DATE TOTAL DEPTH REACHED						COMPLET DUCE OR IN	ED READY TO	DY TO ELEVATION (DF, RKR, RT, OR Gr.) FEET			ELEVATION OF CASING HD. FLANGE	
8/30/2006 8/30/2006					11/25/2006				960	FLANGE	FEET	
TOTAL DEPTH											1.2.1	
300'		None										
PRODUCING OR INJE	CTION INTERV	AL(S) FOR T	HIS COM	MPLETION			0 TO 300	OLS USED (INTERV	AL)	CABLE	TOOLS USED (INTERVAL)	
238-254 WAS THIS WELL DIRE	ECTIONALLY DE	IILLED?	WASE	DIRECTIONAL SI	URVEY	MADE?	DRILLING FLU	JID USED <u>AIR</u> F DIRECTIONAL S	IIBVEV EII ED?	DATE E	II ED	
☐Yes	⊠ No				⊠ No		☐ Yes	1 X		DATEF	DATE FILED	
TYPE OF ELECTRICA		GS RUN (JU							10	DATE FI	LED	
GR/N												
				的 的形式	C	ASING	RECORD					
CASING (REPOR	RT ALL STRI	NGS SET	IN WE	ELL - COND	UCTO	R, SURFA	ACE, INTERN	MEDIATE, PRO	DUCING, E	TC.		
PURPOSE	SIZE HOLE	DRILLED	S	SIZE CASING S	SET	WEIGH	IT (LB. FT)	DEPTH SET	SACK	S CEMENT	AMOUNT PULLED	
surface	9 1/2"		7"			17		20'	6			
production	6 3/4"		2	7/8"		6 1/2		279'	50			
	1											
Barrier Strategy	TU	RING RE	COR						I INED DE	CORD		
SIZE	TUE DEPTH SET	BING RE	CORI		IZE		TOP	BOTTOM	LINER RE	CORD BACKS CEMENT	SCREEN	
SIZE	AND REAL PROPERTY AND ADDRESS.	P	ACKER S			INCH	TOP	1 -1	THE RESIDENCE OF THE PARTY OF T			
	DEPTH SET FE	P	ACKER S	SET AT SI		INCH	FEI	ĒΤ	FEET	SACKS CEMENT	SCREEN FEET FEEZE RECORD	
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INCH	PERFO	ET RATION	REC	FEET SI		RVAL	ACID, S	SHOT, FRAC	FEET TURE, CEI	MENT SQUE	FEET EEZE RECORD	
INCH	PERFO	ET RATION SIZE AND 1	REC	FEET SI	TH INTE	RVAL	ACID, S	SHOT, FRAC UNT AND KIND ATERIAL USED	FEET TURE, CEI	MENT SQUE	FEET EEZE RECORD H INTERVAL	
INCH	PERFO	ET RATION SIZE AND 1	REC	FEET SI	38-25	RVAL	ACID, S	SHOT, FRAC UNT AND KIND ATERIAL USED	FEET TURE, CEI	MENT SQUE	FEET EEZE RECORD H INTERVAL	
INCH	PERFO	ET PATION SIZE AND T	REC TYPE	FEET ORD DEPT	38-25	RVAL 4	ACID, SAMO	SHOT, FRAC UNT AND KIND ATERIAL USED	FEET PTURE, CEI	MENT SQUE DEPT	FEET EEZE RECORD H INTERVAL	
NUMBER PER FE 2 DATE OF FIRST PROCE 11/25/2006	PERFO	ET PATION SIZE AND T	RECTYPE	FEET ORD DEPT 23 PRODUCING ME Pumping -	38-25	RVAL 4 FIAL PRONDICATE IF	ACID, AMO M 75gal/ ODUCTION FLOWING, GAS	SHOT, FRAC UNT AND KIND ATERIAL USED 15%HCL/20	FEET PTURE, CEI	MENT SQUE DEPT	FEET FEZE RECORD H INTERVAL 38-254	
NUMBER PER FE 2 DATE OF FIRST PROCE 11/25/2006 DATE OF TEST	DEPTH SET FE PERFO SET S QUETION OR INC. HOURS TESTE	ET PATION SIZE AND T	RECTYPE	FEET ORD DEPT 23	38-25	RVAL 4 FIAL PRONDICATE IF	ACID, AMO M 75gal/ ODUCTION FLOWING, GAS	SHOT, FRAC UNT AND KIND ATERIAL USED	FEET TURE, CEI	MENT SQUE DEPT	FEET FEZE RECORD H INTERVAL 38-254	
NUMBER PER FE 2 DATE OF FIRST PROCE 11/25/2006 DATE OF TEST	PERFO	ET PATION SIZE AND T	RECTYPE	FEET ORD DEPT 2: PRODUCING ME Pumping - OIL PRODUC	38-25 INIT ETHOD (I 1 1/2 DED DUR	RVAL 4 FIAL PRONDICATE IF	ACID, AMO M 75gal/ ODUCTION FLOWING, GAS	SHOT, FRAC UNT AND KIND ATERIAL USED 15%HCL/20	FEET TURE, CEI OF OO# G - IF PUMPING WATER PROD	MENT SQUE DEPT 2: 3, SHOW SIZE AN	FEET EEZE RECORD H INTERVAL 38-254 D TYPE OF PUMP.)	
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09-20-2006 10:27 GLAZE DRILLING 913	5922448	EboRA	SPUD DAT	PAGE 1	50-9
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2 569/4 42			1 7	100	47
20 LIMP 62			12	120	45
3 Shale 65	1	The second second second second second second	7	140	45
BLK-SIT 66			8	160	44
4 Lime 70	H		9	180	43
3 569/0 33			10	> 200	42
5 Line 78	Nel	478	1/	220	41
49 Shale 1227	1) [-	2.40	40
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CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676 TICKET NUMBER 08841

LOCATION 0 + + quag

FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET

			The second secon	EMENI			DANIES T	COUNTY
DATE	CUSTOMER #		IAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
10-4-06	6073	Osborn	13-9		9	34	33	Cass No
CUSTOMER	Ema			r r	TRUCK #	DRIVER	TRUCK#	DRIVER
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ACCOUNT	QUANTITY	Y or UNITS	DESCR	RIPTION of SER	VICES or PR	ODUCT	UNIT PRICE	TOTAL
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AUTHORIZATION						W	1- cm	war

RECEIVED

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

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MAY 25 2007

FOREMAN GOV WIND

Mo Oil & Gas Council
TREATMENT REPORT

STONER STOWER STOWER STOWER STOWER STORER STORER STORER STORER STORER STORER STORER STORER STORER STATE STORER STATE STORER STATE STORER STATE STORER STATE STORER STOTAL DEPTH SING SIZE PACKER DEPTH SING WEIGHT OPEN HOLE STAGE BBL'S PUMPED PAG STAGE BBL'S PUMPED PAG STAGE STAGE BBL'S PUMPED PAG STAGE STAGE BBL'S PUMPED STAGE STAGE BBL'S PUMPED STAGE STAGE	DATE	CUSTOMER #	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
TRUCK # DRIVER TRUCK # DRIVER LING ADDRESS Y STATE ZIP CODE WELL DATA WELL DATA SING SIZE ZIP TOTAL DEPTH SING WEIGHT PLUG DEPTH SING WEIGHT OPEN HOLE STAGE PUMPED INJ RATE PROPANT SAND / STAGE PSI PLUG BELS PUMPED PPG START PRESSURE ZOO 12/20 15 / 5/5 500 / 280-180 START PRESSURE ZOO 12/20 12/20 13/20			Oshan	13-9						
ASTAGE BING SIZE WELL DATA SING SIZE WELL DATA SING SIZE TOTAL DEPTH PLUG DEPTH PHOF TREATMENT ACID Spot / Sand Practure CHEMICALS 75 1570 HILLACID BING WEIGHT OPEN HOLE STAGE BILS PROPPANT SAND STAGE BILS PUMPED 15 20° Gcd BIOCICLE BIOCICLE JOST STAGE POPPANT PPOPPANT PP	USTOMER		0 813017					A ISAN A STATE		
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WELL DATA SING SIZE TOTAL DEPTH SING WEIGHT PLUG DEPTH SING WEIGHT ACID Spot / Sand Frecher SING WEIGHT OPEN HOLE RES & FORMATION 239-54 STAGE BBL'S PUMPED PAJ 15 20'Ge) BIOCAGE PLIMPED PAJ 15 25-15 120 BREAKDOWN /580 20/40 123/20 125-15 120 120 REAKDOWN /580 BALL OFF PRESS URE ACID 120 120 120 120 120 120 120 12	ITY		STATE	ZIP CODE		449				
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STAGE BBL'S PUMPED PAG 15 AUTHOR BBL'S PUMPED PAG AUTHOR AUTHOR BBL'S PUMPED PAG AUTHOR AUTHOR BBL'S PUMPED PAG AUTHOR BBL'S PAG BBL'S PUMPED PAG AUTHOR BBL'S PAG BBL'S PAG BBL'S AUTHOR BBL'S PAG BBL'S PAG BBL'S PAG BBL'S PAG BBL'S AUTHOR BBL'S PAG BBL'S BALL OFF PRESS BALL OFF PRESS BALL OFF PRESS IS/DO-2500 ROCK SALT PRESS IS/DO-25	ASING WEIGHT					Acid Spor	1/ Sand Fr	ecture		
RES & FORMATION RES &	JBING SIZE		PACKER DEPT	Н			CHEMI	CALS		
### BICS Werser Biocret Biocre	JBING WEIGHT		OPEN HOLE			75 15%	HILACIZ	Custame Water		
STAGE BBL'S INJ RATE PROPPANT SAND/STAGE PSI Pad 15 /200 BREAKDOWN /500 20/40 .25.5 500 /200-/300 START PRESSURE /200 12/20 .5.15 700 /300-/500 END PRESSURE /200 BALL OFF PRESS STATE PRESSURE /200 BALL OFF PRESS /500-2500 ROCK SALT PRESS 12/20 .5.2 900 3500-3000 SIP /50 Pinsh 2 2000 SMIN Amellush 8 2000 MIN RATE /3 MAX RATE No DISPLACEMENT 1.4 MARKS: Sal acro to pals - brooksour and star proceed to fracture No Pressure Chart	10 100 100								1	
STAGE BBL'S INJ RATE PROPPANT SAND / STAGE PSI Pad 15 /200 BREAKDOWN /580 20/40 .255 500 /200-/100 START PRESSURE /200 12/20 .56 700 /300-600 END PRESSURE /200 BBLL OFF PRESS /500-2500 ROCK SALT PRESS 12/20 .5-2 800 2500-3000 ISIP /50 Plush 2 2000 5 MIN Darlash 3 2000 MIN RATE /3 MAX RATE 16 DISPLACEMENT 1.4 WARKS: Sand across to pads - breakdown and stage - proceed to freedome No Pressure Chart 1.4 No Pressure Chart 1.4 No Pressure Chart 1.5 No Pressu	234-54	(34)	Werser					Biocide		
STAGE BBL'S PUMPED Pad 15 2000 BREAKDOWN /580 20/40 .255 500 /200-100 START PRESSURE /200 12/20 START PRESSURE /200 BALL OFF PRESS BALL OFF PRESS 12/20 .52 900 2500-2500 SIP /50 Plush 2000 5 MIN Durflush Totals BS 2000 MIN RATE /3 MARKS: Displacement 1.4 MARKS: Displacement 1.4 No Pressure Chart								Non-Emula	ther Esta	
Pad 15										
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MARKS: Spot acrd to parts - brookdown and stag proceed to frechme No Pressure Chart								DISPLACEMENT	1.4	
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No Pressure Chart	EMARKS:	Sout por	1 10 0-	la - has	kAo.	and al	1 - DAO	ceed in.	frachue	
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